

LISTING OF THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

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1-16. (Cancelled)

17. (Currently Amended) A compressor assembly comprising:

a compressor;

a control block ~~in communication with~~ mounted on said compressor, said control block including stored compressor configuration information;

a system master in communication with said control block, said system master being operative to receive said stored compressor configuration information from said control block.

18. (Previously Presented) The compressor assembly of Claim 17 wherein said system master can modify said stored compressor configuration information.

19. (Previously Presented) The compressor assembly of Claim 17 further comprising a sensor in communication with said compressor, said sensor providing a signal to said control block indicative of an operating characteristic of said compressor, said system master receiving said signal from said control block.

20. (Previously Presented) The compressor assembly of Claim 17 further comprising a plurality of sensors in communication with said compressor, each of said plurality of sensors providing a signal to said control block indicative of an operating characteristic of said compressor.

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21. (Previously Presented) The compressor assembly of Claim 20 wherein said control block creates an event history from said signals of said sensors.

22. (Previously Presented) The compressor assembly of Claim 21 wherein said event history is provided to said system master from said control block.

23. (Previously Presented) The compressor assembly of Claim 17 wherein said stored compressor configuration information includes a model number of said compressor.

24. (Previously Presented) The compressor assembly of Claim 17 wherein said stored compressor configuration information includes a serial number of said compressor, a refrigerant code for said compressor and an oil code for said compressor.

25. (Previously Presented) The compressor assembly of Claim 17 wherein said stored compressor configuration information includes at least one pressure limit, at least one temperature limit and at least one time limit.

26. (Previously Presented) The compressor assembly of Claim 17 wherein said control block includes a microprocessor.

27. (Previously Presented) The compressor assembly of Claim 26 wherein said microprocessor functions as a gateway for communicating with said system master.

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28. (Previously Presented) The compressor assembly of Claim 26 wherein said microprocessor controls communication between said control block and said system master.

29. (Previously Presented) The compressor assembly of Claim 17 wherein said control block includes a memory device to store compressor configuration information.

30. (Previously Presented) The compressor assembly of Claim 17 wherein said system master selectively controls said control block.